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Date April 30, 2003

**INFORMATION DISCLOSURE
STATEMENT**

Address to:
Commissioner for Patents
Washington, D.C. 20231

Attorney Docket

VITA-005

First Named Inventor

LU, PETER S.

Application Number

09 736,960

Filing Date

December 13, 2000

Group Art Unit

1647

Examiner Name

BUNNER, BRIDGET E.

Title: "NUCLEIC ACID MOLECULE ENCODING A
CLASP-5 MEMBRANE PROTEIN"

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Sir:

This is an Information Disclosure Statement submitted for the Examiner's consideration. This is being filed **after** three months of the filing date of this national application or the date of entry of the national stage as set forth in §1.491 in an international application or **after** the mailing date of the first Office Action on the merits, whichever event occurred last, but **before** the mailing date of either a final action under §1.113 or a notice of allowance under §1.311, whichever occurs first.

A Form PTO-SB/08A listing the references accompanies this paper. Applicants would appreciate the Examiner's initialing and returning the form to indicate that the references have been reviewed and made of record.

X All of the references identified herein are being submitted prior to the final determination on patentability by the Office. **Some of the references identified herein were disclosed in parent application serial number 09/687,837, filed October 13, 2000 and as such, copies thereof are not included pursuant to the provisions of 37 CFR § 1.98(d).**

All of the references identified herein were cited in an International (PCT) Search Report dated *, in a PCT application corresponding to the above-identified U.S. application. A copy of the Search Report, including an indication of the purported relevance of the cited documents, is enclosed herewith. Copies of the references are submitted herewith.

OFFICE ACTION

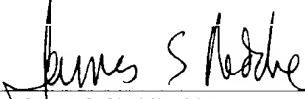
This Information Disclosure Statement is not intended to, nor represents that the applicant has conducted a search of the prior art.

The above references constitute prior art to the present application within the meaning of 35 U.S.C. §102.

X. Please charge the \$180.00 fee required by 37 C.F.R. §1.97(c) and set forth in 37 C.F.R. 1.17(p) and any additional fees which may be required by this paper or any fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21, or to ~~credit~~ any overpayment, to Deposit Account No. 50-0815, order number VITA-005.

Respectfully submitted,
BOZICEVIC, FIELD & FRANCIS LLP

Date: April 30, 2003

By: 
James S. Keddie, Ph.D.
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Sheet 2 of 4

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Application Number	09/736,960
Filing Date	12/13/2000
First Named Inventor	LU, PETER S.
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Examiner Name	Bridget E. Bunner
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	Genbank Identification No. 9926440	
	Genbank Identification No. 9944141	
	Genbank Identification No. 9988160	
	GERGELY et al., "Immunoreceptor tyrosine-based inhibition motif-bearing receptors regulate the immunoreceptor tyrosine-based activation motif-induced activation of immune competent cells," <i>Immunol Lett.</i> (1999), 68: 3-15	
	GREGORIO et al., "Dynamic Properties of Ankyrin in T Lymphocytes: Colocalization with Spectrin and Protein Kinase C β ," <i>J. Cell Biol.</i> 1999, 145: 341-353	

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Application Number	09/736,960
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	HANADA et al., "Human homologue of the Drosophila discs large tumor suppressor binds to p56lck tyrosine kinase and Shaker type Kv1.3 potassium channel in T lymphocytes," <i>J Biol Chem</i> , (1997), 272: 26899
	HUNG et al., "PDZ domains: structural modules for protein complex assembly," <i>J. Biol. Chem.</i> , 277(8): 5699-5702, 2002
	ISAKOV, "Immunoreceptor tyrosine-based activation motif (ITAM), a unique module linking antigen and Fc receptors to their signaling cascades," <i>J Leukoc Biol</i> , (1997), 61: 6-16
	JACKSON et al., "The serine protease inhibitor canonical loop conformation: examples found in extracellular hydrolases, toxins, cytokines and viral proteins," <i>J Mol Biol</i> , (2000), 296: 325-34
	KIKUNO et al., 1999, <i>DNA Res</i> , 6: 197-205
	KNUDSEN et al., "Four Proline-rich Sequences of the Guanine-nucleotide Exchange Factor C3G bind with Unique Specificity to the First Src Homology 3 Domain of Crk," <i>J. of Biol. Chem.</i> , (1994), Vol. 269(52):32781-32787
	KOZAK, M., 1996, <i>Mamm. Genome</i> 7(8): 563-74
	KUPFER et al., "Small Splenic B Cells That Bind to Antigen-Specific T Helper (Th) Cells and Face the Site of Cytokine Production in the Th Cells Selectively Proliferate: Immunofluorescence Microscopic Studies of Th-B Antigen-presenting Cell Interactions," <i>J. Exp. Med.</i> , (1994), Vol. 179:1507-1515
	LEE et al., "Activation Induces a Rapid Reorganization of Spectrin Lymphocytes," <i>Cell</i> , (1988), Vol. 55:807-816
	LIENARD, H., 1999, <i>J. Biol. Chem</i> 274: 32493-9
	LUPAS et al., "Predicting coiled coils from protein sequences," <i>Science</i> , (1991), 252: 1162-64
	LUPAS et al., "Prediction and analysis of coiled-coil structures," <i>Methods Enzymol</i> , 1996, 266: 513-25
	MANO, H., "Tec family of protein-tyrosine kinases: an overview of their structure and function," <i>Cytokine Growth Factor Rev.</i> , (1999), 10:267-80
	MATSUI et al., "Kinetics of T-cell receptor binding to peptide/I-Ek complexes: correlation of the dissociation rate with T-cell responsiveness," <i>Proc Natl Acad Sci</i> , (1994), 91(26): 12862-6
	MIKI, H. et al., "Induction of filopodium formation by a WASP-related actin-depolymerizing protein N-WASP," <i>Nature</i> , (1998), 391: 93-6
	MONKS et al., 1998, <i>Nature</i> 395: 82-86

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	NEGULESCU et al. <i>Immunity</i> , 4:421-430, 1996.
	NISHIHARA, H. et al., "Analysis of hematopoietic cell specific protein, M-DOCK," <i>Hokkaido Igaku Zasshi</i> , (1999), 74(2): 157-66
	PAUL et al., 1994, <i>Cell</i> 76: 241-251
	PIANESE et al. (May 29, 1998) Database PIR-62, No. I60486, "A Novel Thyroid transcript Negatively Regulated by TSH."
	ROZDZIAL, MM, "Tyrosine-Phosphorylated T Cell Receptor Chain Associates with the Actin Cytoskeleton upon Activation of Mature T Lymphocytes, <i>Immunity</i> , (1995), 3: 623-633
	SONGYANG et al., 1997, <i>Science</i> 275: 73-77
	TAKAI et al., "Chromosomal mapping of the gene encoding DOCK180, a major Crk-binding protein, to 10q26.13-q26.3 by fluorescence in situ hybridization," <i>Genomics</i> , (1996), 15:35(2):403-4
	VIOLA et al., 1999, <i>Science</i> 283: 680-82
	WATSON et al. <i>Immunology Today</i> , 19:260-264, 1998.
	WU et al., 1998, <i>Nature</i> 392: 501-504

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